

ABSTRACT

Cold extrusion procedures for obtaining metal elements such as for example bushings, nuts or other elements with dead or through holes, screws, standard and special shape extruded or pressed products, etc. on a machining centre comprising a series of hydraulic presses connected to each other with an automatic movement system. The final drilling or shearing of the elements is advantageously carried out by a dedicated drilling or shearing unit, working at high speed, which can consist of a vertical mechanical press. The use of the plant comprising several hydraulic presses together with the rapid drilling or shearing unit makes it possible to achieve a high level of productivity.